

Temmitted herewith for filing is the Patent Application of:

Inventor: MONSONG CHEN, BODHI MUKERJEE, ALEX CHEN, APARNA PAPPU

For: A HARDWARE INDEPENDENT HIERARCHICAL CLUSTER OF HETEROGENEOUS MEDIA SERVERS USING A

HIERARCHICAL COMMAND BEAT PROTOCOL TO SYNCHRONIZE DISTRIBUTED PARALLEL COMPUTING SYSTEMS AND EMPLYING A VIRTUAL DYNAMIC NETWORK TOPOLOGY FOR DISTRIBUTED PARALLEL COMPUTING SYSTEM

Enclosed are:	G SYSTEM	(1 V1/0 1 C D1/1.	711 120 100 100 CR 10p	0108 T FOR 113 FF	80125 PARALLEL		
X 15 sheets of drawing(s) - formal.							
X An assignment	X An assignment of the invention to Infovalue Computing, Inc.						
X 15 sheets of drawing(s) - formal.  X An assignment of the invention to Infovalue Computing, Inc.  An associate power of attorney X Applicant claims small entity status							
Request & Certification under 35 USC 122(b)(2)(b)(i)							
The filing fee has been	calculated as shown be	low:					
· · · · · · · · · · · · · · · · · · ·	(Col. 1)	(Col. 2)		SMALL ENTITY			
FOR:	NO, FILED	NO. EXTRA	RATE	FEE			
BASIC FEE		> <		\$ 385.			
TOTAL CLAIMS	44 -20=	24	x 9=	\$ 216.			
INDEP CLAIMS	2 -3=	0	x 43 =	\$0.			
			SUB TOTAL	\$ 601.			
			ASSIGNMENT	\$40.			
<del>}</del> 1			TOTAL	\$ 641.			
Please charge my Deposit Account No. 19-0033 in the amount of \$ 641. A duplicate copy of this sheet is enclosed.							
The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any							
overpayment	to Deposit Account No	. 19-0033. A dupli	cate copy of this sheet is er	nclosed.			
X A	Any additional filing fee	es required under 37	CFR §1.16.				
X	Any patent application p	processing fees unde	r 37 CFR §1.17.				
			Respectfully submitted	,			
			STEPHEN B. ACKERI	MAN, REG. NO. 37,761			

EXPRESS MAIL CERTIFICATE

Express Mail No. EV319114246US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

Signature / Date

3/19/04

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## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor		Chen, Monsong			
Title	A Hardware Independent Hierarchical Cluster of Heterogeneous Media Servers Using A Hierarchical Command Beat Protocol To Synchroniza Distributed Parallel Computing Systems and Employing A Virtual Dynamic Network Topology for Distributed Parallel Computing System				
Atty Docket Number		IV00-003			

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 19, 2004

Date

Signature

Stephen B. Ackerman, Reg. No. 37,761

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.